

SPASSKIY, A.A.; BOGOYAVLENSKIY, Yu.K.; KONTRIMAVICHUS, V.L. [Kontrimavichus
V.]; PARAMONOV, B.B.

Work of the Kamchatka helminthological expedition (the 317th
All-Union Helminthological Expedition) in 1961. Trudy Gel'm.
lab. 13:369-381 '63 (MIRA 17:3)

GAYKO, B.A.; ODINTSOV, V.S.; PARAMONOV, B.H.

Effectiveness of thiodiphenylamine against house fly larvae.

Zhur.mikrobiol.epid. i immun. 30 no.5:143 My '59.

(MIRA 12:9)

(FLIES--EXTERMINATION) (PHENOTHIAZINE)

PARAPONOV, B.P., aspirant

Wave action against a vertical wall standing on a stone pier. Shot.
trud. MISI no.29:229-257 '59. (MIRA 12:7)
(Breakwaters) (Waves)

MALKOV, V.M.; VIRULOV, S.V., red.; DRUGOV, V.I., red.; LOGINOV,
V.I., red.; ~~MEKHAYLOV, P.D., red.~~; ~~SHOROKHOV, A.N., red.~~;
PARAMONOV, B.P., red.; ROMANOV, A.A., red.; NEVZOROV, V.T.,
red.; KHAEEL'NITSKIY, A.S., red.; ~~SHOROKHOV, A.N., red.~~

[Volga-Baltic Sea Waterway] Volgo-balt. Vologda, Severo-
Zapadnoe knizhnoe izd-vo, 1965. 381 p. (MIRA 18:10)

PARAMONOV B.V.
PARAMONOV, B.V.

~~PARAMONOV, B.V.~~
Treating sciatica with milk injections. Sov.med. 21 Supplement:5
'57. (MIRA 11:2)

1. Iz 2-y polikliniki g. Chkalova.
(SCIATICA) (MILK--THERAPEUTIC USE)

POKROVSKIY, A.A.; PARAMONOVA, E.G.; NEMENOVA, Yu.M. (Moskva)

Alimentary factor in the prevention of cardiovascular diseases.
Vest. ANN SSSR 20 no.6:24-30 '65. (MIRA 18:9)

PARAMONOV, F.F.; GOVOROV, N.V.

Biochemical analysis of sweet corn. Kons. 1 sv. prem. no.7:
27-29 JI '63. (MIRA 16:9)

1. Vsesoyuznyy isntitut rasteniyevodstva.

PARAMONOV, F.F.; SHVETSOV, A.S.

Physiological and biochemical characteristics of some corn varieties. Fiziol. rast. 12 no.3:463-468 My-Je '65.

(MIRA 18:10)

1. Moskovskoye otdeleniye Vsesoyuznogo instituta rasteniyevodstva i Krymskaya opytno-selektsionnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta rasteniyevodstva.

ПАРМОНОВ, П. П.
MARTAKOV, A.A.; PARAMONOV, P.P.

Effect of the fermentation of pomace on must yield in the production of white table wines, Biokhim. vin. no.5:100-112 '57. (MIRA 10:6)

1. Kazakhskaya nauchno-issledovatel'skaya stantsiya instituta

"Magarach".

(Must) (Fermentation) (Wine and wine making)

PARAMONOV, F.F.

MARTAKOV, A.A.; PARAMONOV, F.F.

Fermentation of raspberries and currants in connection with the extraction of juice. Biokhim. vin. no.5:113-133 '57. (MIRA 10:6)

1. Kazakhskaya nauchno-issledovatel'skaya stantsiya instituta "Magarach".

(Raspberries) (Currants) (Fermentation)
(Wine and wine making)

PARAMONOV, F.I.

Calculation of diversified production lines. Mashinostroitel' no.1:
18-22 Ja '64. (MIRA 17:2)

PARAMONOV, F.I., kand.tekhn.nauk

Mathematical calculation of basic work parameters for shops manufacturing multiple articles. Vest.mashinost. 43 no.3:75-79 Nr '63.
(MIRA 16:3)

(Industrial management)

SOV/122-59-5-27/32

AUTHOR: Paramonov, F.I., Candidate of Technical Sciences

TITLE: The Duration of the Production Cycle in the Manufacture of Components Within Self-Contained Specialised Sections of Machine Shops (Dlitel'nost' proizvodstvennogo tsikla izgotovleniya detaley na predmetno-zamknutykh uchastkakh mekhanicheskikh tsekhov)

PERIODICAL: Vestnik mashinostroyeniya, 1959, Nr 5, pp 77-80 (USSR)

ABSTRACT: Methods are described to determine by analysis the duration of the production cycle in shops with specialised sections. The non-uniformity of the duration of individual operations, the sequence of issuing components for machining, the size of the issued batch and the labour content in producing a component are the separate factors considered. There are 9 figures and 5 tables.

Card 1/1

~~PARAMONOV, P. I.~~ kandidat tekhnicheskikh nauk.

Analytic method for plotting work graphics for units producing
particular pieces in lots. Vest. mash. 37 no. 4:69-73 Ap '57.
(Production control--Graphic methods) (MIRA 10:6)

PARAMONOV, F.I.,

122-4-17/29

AUTHOR: Paramonov, F.I., Candidate of Technical Sciences.

TITLE: Analytical method of constructing the operation sheets for self-contained batch production sections. (Analiticheskiiy metod postroeniya grafikov raboty predmetnozamknutykh seriynykh uchastkov.)

PERIODICAL: "Vestnik Mashinostroeniya" (Engineering Journal), 1957, No.4, pp. 69 - 73 (U.S.S.R.)

ABSTRACT: Production planning by means of standard plans is satisfactorily pursued in continuous production lines, but owing to the very laborious preparation of plans is often neglected in batch production. Simplified methods for the preparation of production plans using purely numerical procedures without graphical aids is proposed and described in detail and illustrated by means of examples. The final result is a cyclogram sequence graph for the motion of a batch of components from machine to machine which illustrates the degree of uniformity

1/1 of machine loading.
There are 3 figures and 6 tables.

AVAILABLE:

PARAMONOV, F.I., kand.tekhn.nauk

Using punch-card machines in classifying parts. Vest.
mashinostr. 44 no. 4:75-77 Ap '64. (MIRA 17:5)

PARAMONOV, F.I.; SALOMATIN, N.A., inzh., retsenzent; GOROBTSOV,
V.M., inzh., red.

[Mathematical methods for calculating the production
flow of multiple nomenclature] Matematicheskie metody
rascheta mnogonomenklaturnykh potokov. Moskva, Ma-
shinostroenie, 1964. 263 p. (MIRA 18:2)

L 16315-65 EWT(d)/EWT(m)/EWP(t)/EWP(k)/EWP(b)/EWP(l) Pr-L JD

ACCESSION NR: AR5008246

S/0275/64/000/011/B123/B1C3

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya. Svodnyy tom, Abs. 11B733

AUTHOR: Paramonov, P. I.

TITLE: Use of electronic computers in selecting optimum systems of industrial machining processes

CITED SOURCE: Tr. Leningr. inzh.-ekon. in-ta, vyp. 47, 1964, 174-187

TOPIC TAGS: computer, industrial planning, 1

TRANSLATION: The part played by electronic computers in evaluating economic indices of industrial production processes is described. Algorithm selection is fundamentally a mathematical and logical problem, based on classification of the possible machining methods and respective net cost, taking the necessary equipment and supply into consideration. Individual, group and overall-unit aspects of sup-

manufacture of articles are considered. The

Card 1/2

L 116315-65

ACCESSION IR: AR5006246

ing and evaluating an electronic computer for the calculations involved in select-
ing optimum operational systems.

SUB CODE: DP, IE

ENCL: 00

Card 2/2

PARAMONOV, Fedor Ivanovich; PETROV, Aleksandr Ivanovich;
PETROPOL'SKAYA, N.Ye., red.

[Multiple-machining lines in a wide-range production shop;
from the practice of industrial enterprises of Kuybyshev
Province] Gruppovye potochnye linii v mnogonomenklaturnom
tseke; na opyte promyshlennykh predpriyatii Kuibyshevskoi
oblasti. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1965.
79 p. (MIRA 18:12)

PARAMONGV, F.P.

Variant of the method of exterior standard. Vest. AN Kazakh. SSR 21 no.6:
81-83 Je '65. (MIRA 18:7)

PARAMONOV, G.A., inzh.; PICHUGIN, A.A., kand.tekhn.nauk; VANEYEV, V.A.,
inzh.; KUZ'MINSKIY, A.G., inzh.; CHUYKO, A.V., kand.tekhn.nauk;
VRUBLEVSKIY, L.Ye., inzh.; FURMAN, A.Ye., inzh. [deceased];
PRIGANOV, G.N., inzh.; SHEFANOV, A.S., inzh.; DMITRIYEV, P.A.,
kand.tekhn.nauk; IVANOV, I.A., kand.tekhn.nauk; TEMKO, Yu.P.,
dotsent; SOKOLOV, P.K., dotsent; KANYUKA, N.S., kand.tekhn.nauk;
SHPAKOVSKAYA, L.I., red.; GOSTISHCHEVA, Ye.M., tekhn.red.

[Handbook for the master builder on the technology of general
building operations] Spravochnik mastera-stroitel'ia po tekhnologii
proizvodstva obshchestroitel'nykh rabot. 2. izd.perer. i dop.
Novosibirsk, Novosibirskoe knizhnoe izd-vo, 1961. 713 p.

(MIRA 15:2)

(Building)

PARAMONOV, Grigoriy Aleksandrovich; SOKOLOV, Petr Konstantinovich;
GORBATOVSKIY, I.V., red.; SUBBOTINA, G.M., tekhn. red.

[Construction work in winter] Stroitel'nye raboty zimoi;
spravochnoe posobie. Novosibirsk, Novosibirskoe knizhnoe
izd-vo, 1963. 241 p. (MIRA 17:2)

PARAMONOV, Grigoriy Aleksandrovich, inzh.; ANTONENKO, Ye.A., red.; SUBBOTINA,
G.M., tekhn. red.

[Roofing operations] Krovel'nye raboty. Novosibirsk, Novosibirskoe
knizhnoe izd-vo, 1961. 124 p. (MIRA 14:11)
(Roofing operations)

PARAMONOV, G. A.

N/5
748
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Spravochnik mastera-stroitel'ya po proizvodstvu obshchestroitel'nykh rabot (Handbook for the building foreman) Pod obshchey red. G. A. Paramonova. Novosibirsk, Novosibirskskoye Knizhnoye Izd-vo., 1957.

653 p. illus., diags., tables.

PARANOMOV G.A.

SOKOLOV, P.K., inzhener, retsenzents; PIVTSOV, N.P., inzhener, retsenzents;
~~PARANOMOV, G.A.~~, inzhener, redaktor; SHPAKOVSKAYA, L.I., redaktor;
LISINA, V.M., tekhnicheskii redaktor

[Construction foreman's manual for general construction work]
Spravochnik мастера-строителя по производству общестроитель-
ных работ. Новосибирск, Новосибирское книжное изд-во, 1957.
653 p. (MIRA 10:7)

(Construction industry)

SPASSKIY, A.A.; SONIN, M.D.; PARAMONOV, G.V.

Ornithofauna of the middle Amur Valley. Ornitologia no.5:
161-163 '62. (MIRA 16:2)

(Amur Province--Birds)

PARAMONOV, I. N.

TARANETS, M.P.; MATVEYEV, Ye.P.; KORABEL'NIKOV, M.B.; PARAMONOV, I.N.

Using organomineral mixtures for potatoes on the "Progress"
State Farm. Zemledelie 5 no. 4:47-49 Ap '57. (MIRA 10:6)
(Penza Province--Potatoes) (Fertilizers and manures)

PARAMONOV, I.V.

For a rapid introduction of progressive technological processes.
TSvet. met. 38 no. 12:7-11 D '65 (MIRA 19:1)

NOVOZHILOV, B.F.; PARAMONOV, I.V.; ROZHKOV, N.G., red.; KUZEMBAYEVA, A.I.,
tekhn. red.

[Nonferrous metallurgy in Kazakhstan] TSvetnaia metallurgii Ka-
zakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 34 p.
(MIRA 14:7)

(Kazakhstan--Nonferrous metals--Metallurgy)

AUTHOR:

Paramonov, I.V.

S/136/60/000/011/001/013
E021/E406

TITLE:

The Problem of Improving Lead Blast Furnace Smelting¹⁸

PERIODICAL: Tsvetnyye metally, 1960, No.11, pp.27-32

TEXT: With the aim of increasing the efficiency of existing lead works and improving the technical and economic indices of the processes, the work must be organized to systematically increase the lead content in agglomerates by methodically decreasing the additions of impoverished fluxes which are made to the charge so that in 1 to 2 years, smelting in blast furnaces will be converted to producing a practically fluxless agglomerate. Where there is slag - sublimating plant, or fuming process or electro-thermic apparatus on the lead works, it is necessary in the near future to convert the blast furnaces to produce high-zinc slags with subsequent extraction of lead and zinc from them. Data are given on the properties of silicates and ferrites of lead and also silicates of iron oxide and calcium oxide. From the properties given, it is postulated that it is not difficult to choose a mixture of components in the agglomerate which will enable the process of agglomeration to take place at a temperature near to the

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S/136/60/000/011/001/013
E021/E406

The Problem of Improving Lead Blast Furnace Smelting

melting point of the slag, giving a low-sulphur, porous and strong agglomerate which has a high lead content without impoverishing additions. There are 3 Soviet references.

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Card 2/2

PARAMONOV, I.V.

Improvement of shaft furnace lead smelting TSvet. net. 33 no.11:
27-32 N '60. (MIRA 13:11)
(Lead--Metallurgy)

PARAMONOV, I.V.

KHAN, O.A.; PARAMONOV, I.V.; STEPANOVA, L.S.

Purification of solutions and the distribution of arsenic and
antimony in the hydrometallurgy of zinc. TSvet.met.27 no.3:20-24
My-Je '54. (MIRA 10:10)

(Zinc--Metallurgy) (Antimony) (Arsenic)

1ST AND 2ND ORDERS		PROCESSES AND PREPARATION INDEX	
<i>Lead Antimony. L. I. Paramonov. Tsvetnaya Metal.</i> 1936, No. 3, 76-80. — MgO. Quantities of PbO and Fe₂O₃ were heated at various temps. and for various periods of time. The products were then analyzed for free PbO and PbO.Fe₂O₃ by treatment with AcOH or NH₄AcO in which the first is sol., but not the second. Formation of PbO.Fe₂O₃ begins at 685° and reaches a max. at 725°. Above 725° the mixture begins to decompose. Addition of SiO₂ favors decomposition of PbO.Fe₂O₃, but at temps. above 725° the effect of SiO₂ could not be studied accurately, because of the instability of the spinel above this temp. CaO decomposes PbO.Fe₂O₃ at 600-800° and combines partly with the PbO. CO begins to reduce PbO from PbO.Fe₂O₃ above 400°, and at 550° the reduction is complete. S. L. Madoraky			
ASAP-11.4 METALLURGICAL LITERATURE CLASSIFICATION			

137-58-6-11943

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 108 (USSR)

AUTHOR: Paramonov, L.I.

TITLE: Cobalt Electrolysis (Experiences with an Industrial Installation)
[Elektroliz kobal'ta. (Opyt promyshlennoy ustanovki)]

PERIODICAL: Byul. Tsentr. in-t inform. M-va tsvetn. metallurgii SSSR,
1957, Nr 3, pp 27-30

ABSTRACT: A description is presented of the work of an industrial installation for Co electrolysis from sulfate solutions with the use of insoluble anodes; the following process procedure was used: Co hydroxide is dissolved by H_2SO_4 and SO_2 in 2-4 hours by agitation with air and without heating. The solution resulting is freed of Fe and Cu by a caustic-soda mixture, and then of Ni by dimethylglyoxime, whereupon $CoCO_3$ is precipitated from the purified solution by Na_2CO_3 solution with addition of a little NaOH at $80^\circ C$ and agitation by air. The $CoCO_3$ washed by the hot condensate is dissolved by exhausted sulfate electrolyte, the resultant solution is filtered, freed of organic impurities by activated charcoal, and subjected to electrolysis with Pb anodes and Al cathodes. $KMnO_4$ is introduced to oxidize the organic

Card 1/2

137-58-6-11943

Cobalt Electrolysis (Experiences with an Industrial Installation)

substances in the bath. The conditions of electrolysis are: cathode cd 300-350 amps/m²; pH 2.0-2.5; temperature 45-55°. The composition of the electrolyte, in grams per liter, is Co 30-50, Mn 0.01-3.0, and Na₂SO₄ 50-100. The cathode precipitate is permitted to build up for 1.5-2 days. The bath is supplied with direct current from an ignitron transformer substation operating at 6000 amps and not over 260 v. After washing by condensate, the cathodic Co (99.95%) is fused in a high-frequency induction furnace and cast as pig Co.

N.P.

1. Cobalt--Electrolysis
2. Cobalt--Production
3. Electrolytic cells--Equipment
4. Electrolytic cells--Operation

Card 2/2

PARAMONOV, L.V.; KOLOMOYTSEVA, I.P., assistant

Neurological complications of craniovertebral anomalies. Trudy 1-go
MMI 38:363-376 '65. (MIRA 18:10)

2)

The purification of edible acetic acid with chromic anhydride in the chemical factory of Njardomak. M. I. Paramonov. *Leningrad. Prom.* 2, No. 7, 104-5 (1937); *Chem. Zvez.* 1939, II, 820b. The method of Andreichikov and Atakehova (cf. C. A. 34, 10434) was tested and used with good results in the Njardomak plant. This method is to be preferred to the use of $K_2Cr_2O_7$, since small amounts (2.5 instead of 5%) of CrO_3 are consumed. The residual content of the $AcOH$ in HCO_2H amounts to 0.23 instead of 0.65%. The wide variation is due to the different methods of drawing off the acid, which have a marked influence on the properties of the acid and on the consumption of the CrO_3 . Because of the strongly aggressive character of the CrO_3 , Al is used for the heating coils and the salt is added in soln.

M. G. Moore

PARAMONOV, M.M., master.

Locating defects in electrical machine windings. Rab.energ. 3 no.5:13-15
Ny '53. (MIRA 6:5)

(Electric machines)

PARAMONOV, N.; NECHAYEVA, L.; NIKOLAYEV, A.; LEBEDEV, A., master sporta,
trener

Competitors met again. Za rul. 19 no.11:14-15 N '61.

(MIRA 14:12)

1. Nachal'nik uchebnoy chasti Maykopskogo avtomotokluba, neshtatnyy korrespondent zhurnala "Za rulem" (for Paramonov).
2. Neshtatnyy korrespondent zhurnala "Za rulem" (for Nechayeva).
3. Nachal'nik Rovenskogo avtomotokluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flota, 4. L'vovskiy avtomotoklub, neshtatnyy korrespondent zhurnala "Za rulem" (for Lebedev).

(Motorcycle racing)

PARAMONOV, N.

N. Paramonov. O likvidatsii sushchestvennogo razlichiya mezhdum umstvennym i fizicheskim trudom /Elimination of the Essential Distinction between Mental and Physical Labor/ (From the series "Helps for the student of Stalin's work of genius 'Ekonomicheskiye problemy sotsializma v SSSR'"), "Moskovskiy rabochiy" Press, 3 sheets

This popular scientific brochure discusses the origin and development of the contrast between mental and physical labor under the conditions of exploitative societies, and the elimination of this contrast in the USSR by removal of the essential distinction between mental and physical labor.

SO: U-6472, 12 Nov 1954

RAKHMATULLIN, S. (Birek); VATLETISOV, V. (Kirov); PAVLOV, A. (Moskva);
RYAZANOV, A. (Sverdlovsk); PARAMONOV, N. (Maykop)

In local organizations of our patriotic society. Za rul.
19 no.10:3 0 '61. (MIRA 14:11)
(Motor vehicles--Societies, etc.)

FARAMONOV, N.A.

Latitudinal variation of the elements of atmospheric electricity.
Trudy GGO no.146:65-70 '63. (MIRA 17:2)

155T23

PARAMANOV, N. A.

USSR/Geophysics - Atmospheric Electricity Jan 50

"Unitary Variation of the Atmospheric-Electric Potential Gradient," N. A. Paramanov, Sverdlovsk Geophys Obs, 2 pp

"Dokl Ak Nauk SSSR" Vol LXX, No 1

Existence of unitary variation (variation occurring in world time) in daily behavior of the atmospheric-electric potential gradient has been proved for oceans and polar regions. Proves existence of this gradient for continental nonpolar stations. Curves for the three

155T23

USSR/Geophysics - Atmospheric Electricity (Contd) Jan 50

regions are similar in form and have a maximum at 1900 hours and a minimum at 0300-0500 hours (Greenwich time). Submitted by Acad S. I. Yavri-lov 22 Oct 49.

155T23

PARAMONOV, N. A.

SA

591.594

4556. The annual variation of the gradient of the potential of atmospheric electricity. N. A. Paramonov; Dokl. Akad. Nauk, SSSR, 71 (No. 1) 39-40 (1950). In Russian.

ASS
a

ASB-58A DETAILORIENTAL LITERATURE CLASSIFICATION

FROM STATION

TO STATION

DATE

TIME

BY

REMARKS

STATION

DATE

TIME

BY

REMARKS

PARAMONOV, N. A.

Dissertation: "Basic Laws of Gradient Variations of the Electric Potential in the Atmosphere." Cand Phys-Math Sci, Main Geophysics Observatory imeni A. I. Voyeykova, Leningrad, 1953. Referativnyy Zhurnal--Fizika, Moscow, Jul 54.

SO: SUM No. 356, 25 Jan 1955

AUTHOR: Paramonov, N. A.

36-58-12/12

TITLE: Results of Observations of the Gradient of Atmospheric Electric Potential Over the Territory of the USSR (Nekotoryye rezul'taty nablyudeniya za gradiyentom elektricheskogo potentsiala v atmosfere nad territoriyey Sovetskogo Soyuza)

PERIODICAL: Trudy Glavnoy geofizicheskoy observatorii, 1956, Nr 58, pp 81-99. (USSR)
The author examines the data accumulated at numerous USSR stations and evaluates the electrical potential gradient, its variations and the daily and annual rates. The yearly curve of gradients consists of a simple wave with a winter maximum and summer minimum. The daily curve shows two maximums and two minimums; one set of extreme values depends on universal time, while the other is related to local time. There are 16 diagrams, 5 tables, and 4 references, 3 of which are Soviet and 1 English.

AVAILABLE: Library of Congress

Card 1/1

S/159/61/000/012/062/089
D228/D305

AUTHOR: Paramonov, N. A.

TITLE: The question of the multiyear variation of
the elements of atmospheric electricity

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1961,
33, abstract 12B223 (Meteorol. i gidrologiya,
1961, no. 6, 40-41)

TEXT: The author adduces graphs of the multiyear variation
for the potential gradient, the summary atmospheric electro-
conductivity, and the vertical conductivity current from the
data of the Tashkent station in 1928-1959 and for the potential
gradient from the data of the Vysokaya Dubrava station in 1936-
1959. The data of observations on normal days when, thunder-
storms, snowstorms, snow drifts, strong winds, fog, mist, and
low cloud (the upper cloud did not exceed four points) were

Card 1/2

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D228/D305

The question of the...

absent, were used to construct the graphs; the potential gradient was thereby positive everywhere and did not exceed its quadruple mean daily value. The average yearly value of the potential gradient increases with time, especially for Tashkent. The mean annual value of the conductivity of air, on the contrary, gradually decreases. The magnitude of the vertical conductivity current also decreases, though much more weakly than that of the conductivity. [Abstracter's note: Complete translation.]

Card 2/2

PARAMONOV, N.A.

A unitary vertical conduction current as a measure of
thunderstorm activity for the whole surface of the
earth. Meteor. issl. no.9:167-173 '65. (MIRA 19:1)

GOLCVKO, G.A.; PARAMONOV, N.A., inzh., retsenzent

[Apparatus and equipment for the recovery of argon] Apparaty
i ustanovki dlia proizvodstva argona. Moskva, Mashinostroenie,
1965. 162 p.
(MIRA 18:9)

PARAMONOV, N.A.

Problem of unifying the units of measurement of the elements of
atmospheric electricity. Trudy GGO no.177:110-112 '65.

(MIRA 18:8)

PARAMONOV, N.A.

Relation between the unitary vertical conduction current and
the distribution of thunderstorms over the globe. Trudy GGO
no.157:31-38 '64 (MIRA 17:8)

1 12/60-63

EWT(1)/BDS/ES(v) AFFTC/ASD/ESD-3 Pe-4 RB

S/169/63/000/004/011/017

AUTHOR: Paramonov, N. A.

TITLE: The results from observations of the potential gradient of the electric field in the atmosphere during the IGY and the IGC

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1963, abstract 4B235 (St. Materialy konferentsiy po itogam MGO (1960) i meteorol. izuch. Antarktidy (1959). M. Gidrometeoizdat, 1961, 246-254)

TEXT: The potential gradient of the electrostatic field (V") was recorded at 9 stations located on different latitudes and longitudes in the USSR during the IGY and the IGC. The gradient was measured by a method which made use of a collector at the ground surface. The air-earth current was calculated by the formula $I = V'(\lambda_+ + \lambda_-)$. According to observational results, the annual average values of the potential gradient are higher for normal days than for all days. As a rule, the potential gradient was greater in the winter than in the summer. The diurnal course of the potential gradient averaged for the period of observations had the form of a double wave. The local diurnal variation Card 1/2/ in observations of the potential gradient and of the air-earth current showed that a unitary wave is significantly more prominent in the diurnal course of the air-earth current. A tendency toward an increase in the average annual values of the potential gradient at Tashkent and Bysokaya Dubrava during the last 20 - 30 years was observed.

PARAMONOV, N.A., nauchnyy sotr., ~~stv.~~ red.; KAPITANETS, Ye.P., red.;
ALEKSEYEV, A.G., tekhn. red.

[Materials on measurements of the elements of atmospheric electricity, 1957-1959; aboveground observations of the gradients of potential electric field in the atmosphere and electric conductivity of air over the Soviet Union during the International Geophysical Year and the period of International Geophysical Cooperation] Materialy izmerenii elementov atmosfernogo elektrichestva za 1957-1959 gg.; nazemnye nabludeniia za gradientom potentsiala elektricheskogo polia v atmosfere i elektricheskoi provodimost'iu vozdukh nad territoriei Sovetskogo Soiuza v period Mezhdunarodnogo geofizicheskogo goda i Mezhdunarodnogo geofizicheskogo sotrudnichestva. Leningrad, Gidrometeoizdat, 1963. 337 p. (MIRA 16:8)

1. Leningrad. Glavnaya geofizicheskaya observatoriya.
(Atmospheric electricity--Measurement)

PARAMONOV, N.A.

Electric conductivity of the air above the Soviet Union. Trudy
GGO no.136:78-82 '62. (MIRA 15:12)
(Atmospheric electricity)

BOGDANOV, Trifon Mikhaylovich; PARAMONOV, N.G., inzh., retsenzent;
NEKLEPAYEVA, Z.A., inzh., red.; BOBKOVA, Ye.N., tekhn. red.

[Metal structure joints with high strength bolts] Soedineniia
metallicheskih konstruktsii na vysokoprochnykh boltakh. Mo-
skva, Transzheldorizdat, 1963. 109 p. (MIRA 16:6)
(Bolts and nuts) (Railroad bridges)

BOGDANOV, Trifon Mikhaylovich; ~~PAR~~AMONOV, N.G., inzh., retsenzent;
NEKLEPAYEVA, Z.A., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Joints of metal elements made with high-strength bolts]
Soedineniia metallicheskikh konstruksii na vysokoproch-
nykh boltakh. Moskva, Transzheldorizdat, 1963. 109 p.
(MIRA 16:4)

(Building--Details) (Bolts and nuts)

~~PARAMONOV, N.G.~~

Transporter cars for hauling outsized heavy freight. Transp.strel.
5 no.8:24-25 0 '55. (MLBA 9:1)

1. Glavnyy tekhnolog tresta Stal'most.
(Railroads--Freight cars)

SOV/137-57-10-19041

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 87 (USSR)

AUTHOR: Paramonov, N.G.

TITLE: Some Organizational Measures in Connection With the Introduction of New Rolled Sections for Bridge Construction (O nekotorykh organizatsionnykh merakh po vnedreniyu novykh profiley prokata primenitel'no k usloviyam mostostroyeniya)

PERIODICAL: V sb.: Ratsionalizatsiya profiley prokata. Moscow, Profizdat, 1956, pp 170-171

ABSTRACT: In order to stimulate the use of new lightened shapes (S) it is recommended that rolled steel be paid for on the basis of the theoretical weight of the rolled metal, and that a new system of payment for the fabrication of metal assemblies be established, per piece and not per actual weight. It is essential that all the S listed in the GOST government standards be delivered without interruption and in full agreement with the requirements of the standards. It is desirable that heavy angle S be rolled not less often than once a month (and not quarterly).

Card 1/1

V.D.

PARAMONOV, N. G.

PA 37/49T80

USSR/Engineering
Bridges, Railroad
Welding - Applications

Sep 48

"Strong Welded Bridges for Railroads," N. B. Lyalin,
N. G. Paramonov, Engineers, 4½ pp

"Vest Mashinostroy" Vol XXVIII, No 9

Discusses application of welding, especially auto-
matic welding under flux, to construction of railroad
bridges. Describes cracks which developed in bridge
across Istra River in 1948. (Span had been welded
by Novo-Kuznetsk plant in 1945). Discusses views of
Acad Paton (see 14/49T32). Includes four illustra-
tions.

FDB

37/49T80

PARAMONOV, N. I.

7073. PARAMONOV, N. I. Razvitiye ustnoy rechi uhashchikhsya.
/Ryl'skoye remesl. uchil'shche po mekhanizatsii sel'skogo khozyaystva
No. 4/. M., Trudrezervizdat, 1955. 40 s. 20sm. (Glav, upr. trud.
rezervov pri Sovete Ministrov SSSR. Ucheb.- metod. upr. Obmen opytom
raboty). 2000 ekz. Bespl. - 55-2813/p 491.71(077)+372.61

Knizhnaya Letopis' No. 6, 1955

- [illegible]

PARAMONOV, N.N., kand.tekhn.nauk, dotsent

Problem of $Z_{\min}$ bevel gear transmissions. Trudy LIIV no.26:256-258
'59. (MIRA 14:9)

(Gearing, Bevel)

PARAMONOV, N.F., inzh.

Simplified determination of the sulfanol content of solutions.
Tekst.prom. 20 no.8:41-43 Ag '60. (MIRA 13:9)
(Sulfanol) (Cleaning compounds)

PARAMONOVA, N.P.

Variability and taxonomy of Sarmatian *Macra* in the Mangyshlak and
Ust-Urt. *Biul.MOIP Otd.geol.* 37 no.1:153-154 Ja-F '62.

(MIRA 15:2)

(Mangyshlak Peninsula—*Macridae*, Fossil)

(Ust-Urt—*Macridae*, Fossil)

PARAMONOV, N.P., inzh.

Simplified determination of soap concentration. Tekst.
prom. 20 no.5:66-67 My '60. (MIRA 13:8)
(Soap—Analysis)

~~PARAMONOV, Nikita Zotevich~~; GUDKOVA, N., redaktor; IGNAT'YEVA, A.,
tekhnicheskii redaktor

[Cultural and technical development of Soviet workers] Kul'turno-
tekhnicheskii rost trudiashchikhsia SSSR. [Moskva] Moskovskii
rabochii, 1956. 134 p. (MIRA 10:1)
(Labor and laboring classes)

KOSNIKOV, N.I.; PARAMONOV, P.

KKP-1,8 hemp harvesting combine. Trakt. i sel'khozash. 33 no.6:
41-42 Ja '63. (MIRA 16:7)

1. Kubanskiy gosudarstvennyy nauchno-issledovatel'skiy institut
traktorov i sel'skokhozyaystvennykh mashin.
(Hemp—Harvesting)

PARAMONOV, N.S.; KORABEL'NIKOV, N., red.; PARINOV, B., tekhn.red.

[Short description of fuel and lubrication systems] Krat-
koe opisanie toplivo- i maslozapravochnykh sredstv. Maikov,
Adygeiskoe knizhnoe izd-vo, 1963. 71 p. (MIRA 17:3)

PARAMONOV, P.A., inzh.

Methodology of analyzing gases from blasting for their nitric
oxide content. Vzryv. delo no.51/8:302-316 '63.

(MIRA 16:6)

1. Makeyevskiy nauchno-issledovatel'skiy institut.
(Mine gases—Analysis) (Nitrogen oxides)

PARAMONOV, P.A.

Investigating the generation of poisonous gas during blasting
operations in coal mines. Trudy MakNII 15:261-300 '63.
(MIRA 17:11)

PARAMONOV, P.A.

Effect of the dispersion of sodium chloride on the properties
of permissible ammonites. Vzryv. delo no.52/9;234-239 '63.

(MIRA 17:12)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
truda v gornoy promyshlennosti.

PARAMONOV, P.A.

Investigation of the method of testing explosives in a shell filled with quartz sand for the generation of noxious gases. Vzryv. delo no.52/9:239-249 '63.

Laboratory method of testing explosives in a lead block for the generation of noxious gases. Ibid.:249-262

(MIRA 17:12)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti truda v gornoy promyshlennosti.

PARAMONOV, P.A.

Statistical method of estimating the degree of safety of explosives.
Vop. bezop. v ugol'. shakh. 13:250-264 '62.

(MIRA 16:5)

(Explosives—Safety measures)

PARAMONOV, P.A.

Effect of the diameter of the charge on the blasting safety
in gas and dust hazardous mines. Trudy MakhNII 10:236-250
'60. (MIRA 15:10)
(Coal mines and mining—Explosives)

PARAMONOV, P.A.

for the formation of carbon monoxide in mine atmosphere

The formation of carbon monoxide in mine atmosphere in connection with blasting operations. Ger. zhur. no.10:49-55 O '55.
(Mine gases) (Mining engineering--Safety measures) (MLRA 9:2)

Paramonov, P. A.

22. MECHANISM OF FORMATION OF CARBON MONOXIDE IN THE ATMOSPHERE
DURING SHOT FIRING. Paramonov, P. A. (Dokl. Akad. Nauk SSSR, Moscow), Oct. 1955,
49-55). The author rejects the hypothesis put forward by N. I. Stogin on the
formation of carbon monoxide by reaction of carbon dioxide on incandescent
minute coal-dust particles, or by abnormal dissociation of carbon dioxide. In
the case of present industrial explosives with an equilibrated oxygen balance,
carbon monoxide is formed mainly by gasification of the envelope of cartridges
and detonators and of the surrounding media containing carbon. The extent of
formation of carbon monoxide depends on the properties of explosives, the
temperature, pressure and composition of the gaseous products of detonation, as
well as on the nature of the water-resistant envelope of cartridges, method of
working, composition of the coal and the rate of cooling of the gases. The
reactions which come into play are reversible reactions of the formation of water
gas and producer gas. Secondary factors governing the amount of carbon
monoxide may be formation of oxides of nitrogen, or the oxidation of carbon mon-
oxide to carbon dioxide by the oxygen of the air or by metallic oxides which may
be present in the strata or may be formed during the explosion. An account is
given of experiments in which methane-air mixtures were exploded in the presence
of paraffin by means of detonators with paper or cardboard envelopes. S.M.R.

DEM'YANIKOV, I.G.; PARAMONOV, P.F.

Allowance for the effect of elements in a sample on the
line intensity in X-ray spectroscopic analysis. Zav.lab.
28 no.1:40-43 '62. (MIRA 15:2)

1. Institut metallurgii i obogashcheniya AN Kazakhskoy SSR.
(X-Ray spectroscopy)

KOSNIKOV, M.I., nauchnyy sotrudnik; PARAMONOV, P.P., nauchnyy sotrudnik

Using the SK-3 combine in harvesting corn for silage. Mekh. sil'.
hosp. 14 no.7:5-6 J1 '63. (MIRA 17:2)

1. Kubanskiy nauchno-issledovatel'skiy institut ispytaniya trakto-
rov i sel'skokhozyaystvennykh mashin.

L 41040-66 EWT(m)/EWP(j) JW/JWD/RM

ACC NR, AP6013732

SOURCE CODE: UR/0089/66/020/004/0345/0346

AUTHOR: Katal'nikov, S. G.; Paramonov, R. M.; Kapustin, I. A.

ORG: none

TITLE: Boron ¹⁰isotope separation using the $C_6H_5OC_5H_5 \cdot BF_3 - BF_3$ system ¹

SOURCE: Atomnaya energiya, v. 20, no. 4, 1966, 345-346

TOPIC TAGS: isotope separation, boron, boron compound

ABSTRACT: The authors determine the separation constant α by single isotopic equilibration, which comprised mixing for 6 hr a liquid phase in contact with the gaseous phase, and subsequent mass spectrometric analysis of the probe and the standard on an MV-2302 mass spectrometer. The results are shown in Table 1. ²⁶

¹⁰
Card 1/2

UDC: 621.039.32:621.039.322.3:546.27

L 41040-66

ACC NR: AP6013732

Table 1. Boron isotope separation constant (with an average dispersion of 0.0015)

Temperature, °C	α_{aver}
5	1.046
15	1.044
25	1.042
35	1.038

Using an experimental glass model, a study was made of the behavior of the $\text{C}_6\text{H}_5\text{OC}_2\text{H}_5 \cdot \text{BF}_3 - \text{BF}_3$ system during extended operation with thermal flow reversal at the ends of the column. The results show that the isotope exchange based on the phenetole complex, rather than on the chemical exchange distillation of the BF_3 dimethyl ether complex, reduces the production cost by a factor of 2.6, and reduces the volume of the column to one fifth. Orig. art. has: 1 table.

SUB CODE: 18/ SUBM DATE: 16Sep65/ ORIG REF: 002/ OTH REF: 000

Contd

2/2

PARAMONOV, S.A.

Large packages on twisting machines. Tekst.prom. 16 no.10:33-34 0 '56.
(MIRA 10:1)

1. Zamestitel' glavnogo konstruktora zavoda Karla Marksa.
(Sprinning)

PARAMONOV, S. A.

2334C Za Povysheniye Skorosti Pryadil'nykh Mashin. [Stat'ya] : I. S. A. Paramonov.
Vozmozhnosti Mashinostroitelya.-- II. N. M. Belitsin. Trebovaniya Tekhnologov
k Mashinostroitelyam. Tekstil. Prom-st', 1949, No. 6, c. 12-14.

SO: LETOPIS NO. 31, 1949

PARAMONOV, S. A.

Spinning

A. P. Malysheva's book, "The spindle." Tekst. prom. no. no. 5(1952)

9. Monthly List of Russian Accessions, Library of Congress, August 1952, Uncl.

PARAMONOV, Serhii IAKovlevych, 1894-

Horseflies and their control. Kyiv, Vyd-vo Akademii nauk URSR, 1940. 127 p.

1. Flies.

PARAMONOV, S. J.

"The Biosystematics Needs a Phylogenetical Approach" (A Criticism of E. S. Smirnov's Views) (p. 504) by Paramonov, S. J.

SO: Advances in Modern Biology, (Uspekhi Sovremennoi Biologii), Vol. X, No. 3, 1939

PARAMONOV, V., trener.

Training the motorcyclist. Voenn. znaniya. 29 no. 5:22 May '53. (MLA 6:6)

1. Podolskiy avto-motoklub Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu. (Motorcycle racing)

KAZARYAN, A., general-mayor zapasa; REZNIK, D., polkovnik; KHORENKOV, A.,
polkovnik; BELOUSOV, P., podpolkovnik; PARAYONOV, V., podpolkov-
nik; ODEGOV, A., kapitan

Tactics of small units in modern combat; discussion of the article
in no. 2. Voen.vest. 43 no.7:50-53 JI '63. (MIRA 16:11)

PARAMONOV, V.; ROMENSKIY, V.; ZAN'KO, F., inzh.-konstruktor

Meat grinder. Obshchestv. pit. no.8:34 Ag '63. (MIRA 16:12)

1. Glavnyye inzhenery Poltavskogo zavoda prodovol'stvennogo mashinostroyeniya "Prod mash" (for Paramonov, Romenskiy).
2. Poltavskiy zavod prodovol'stvennogo mashinostroyeniya "Prod mash" (for Zan'ko).

PARAMONOV, V., podpolkovnik

On skis in the rear of the enemy. Voen. vest 43 no.1:31-33 Ja '64.
(MIRA 17:1)

PARAMONOV, V., insh.; SHPIL'BERG, I., insh.

Two-wedge supports removable by remote control. Mast. ugl. 8 no.11:
10 N '59. (MIRA 13:2)
(Mine timbering) (Remote control)

PARANOMOV, V.A.

Production of tin plate in Great Britain. Dokl. AN SSSR 134
no.4:37-39 0 '60. (MIRA 13:9)

1. Nauchno-issledovatel'skiy institut khimicheskogo mashinostroye-
niya.

(Great Britain--Tin plate)

MYTSIK, P.A., inzh.; SEMIN, V.M., kand. tekhn. nauk; STEPANEIKO, V.T.,
inzh.; NIKOL'SKAYA, M.N., inzh.; PETROVA, O.A., inzh.; PARAYONOV,
V.A., inzh.; TRAKHIMOVICH, V.I.; GULCHEV, S.M.

New developments in research. Stal' 25 no.8:855 S '65. (MIRA 18:9)

MYTSIK, P.A., inzh.; PARAMONOV, V.A., inzh.

Technology of the production of ultrathin sheet steel. Sbor. trud.
TSNIICHM no.34:5-10 '63. (MIRA 17:4)

VITKIN, A.I., doktor tekhn.nauk; PARAMONOV, V.A., inzh.; GUSEVA, S.S., inzh.

Combining technological processes of sheet steel production in one
continuous line. Sbor. trud. TSNIICM no.28:35-39 '62. (MIRA 15:11)

(Rolling (Metalwork)) (Assembly line methods)

PARAMONOV, V.A. [Paramonov, V.O.]; BELOVOL, A.A. [Bilovol, A.A.]

Manufacture of a new mechanized continuous production line for
ready-to-cook hamburgers. Khar. prom. no.3:16-17 11-S '65.
(MIRA 18:9)